LISTING OF CLAIMS

1. (Previously presented) An implantable or insertable medical device comprising (a) a therapeutic agent and (b) a polymeric carrier region that comprises said therapeutic agent and which releases said therapeutic agent upon administration to a patient, said polymeric carrier region comprising a silicone block copolymer comprising a plurality of siloxane units and a plurality of non-siloxane units, said block copolymer comprising (i) a block of said siloxane units selected from a polydimethylsiloxane block, a polydiethylsiloxane block, a polymethylethylsiloxane block and a polymethylphenylsiloxane block and (ii) a block of elevated T_g non-siloxane units, wherein the polymeric release region is in the form of a coating layer that covers all or a part of said medical device.

2-4. (Canceled)

5. (Original) The implantable or insertable medical device of claim 1, wherein said implantable or insertable medical device is selected from a catheter, a guide wire, a balloon, a filter, a stent, a stent graft, a vascular graft, a vascular patch and a shunt.

6. (Original) The implantable or insertable medical device of claim 1, wherein said implantable or insertable medical device is adapted for implantation or insertion into the coronary vasculature, peripheral vascular system, esophagus, trachea, colon, biliary tract, urinary tract, prostate or brain.

7. (Original) The implantable or insertable medical device of claim 1, wherein said therapeutic agent is selected from one or more of the group consisting of anti-thrombotic agents, anti-proliferative agents, anti-inflammatory agents, anti-migratory agents, agents affecting extracellular matrix production and organization, antineoplastic agents, anti-mitotic agents, anesthetic agents, anti-coagulants, vascular cell growth promoters, vascular cell growth inhibitors, cholesterol-lowering agents, vasodilating agents, and agents that interfere with endogenous vasoactive mechanisms.

8. (Original) The implantable or insertable medical device of claim 1, wherein said silicone copolymer has an elongation at break of at least 25% at ambient temperature.

9. (Previously presented) The implantable or insertable medical device of claim 1, wherein said elevated T_g non-siloxane units-are selected from vinyl monomers, aromatic monomers, methacrylic monomers, acrylic monomers and alkene monomers.

10. (Canceled)

11. (Previously presented) The implantable or insertable medical device of claim 1, wherein said block of said elevated T_g non-siloxane units is selected from poly(vinyl monomer) blocks, poly(aromatic monomer) blocks, poly(methacrylic monomer) blocks, poly(acrylic monomer) blocks and poly(alkene monomer) blocks.

12. (Previously presented) The implantable or insertable medical device of claim 1, wherein said block of said elevated T_g non-siloxane units is selected from substituted and unsubstituted polystyrene blocks.

13. (Withdrawn) The implantable or insertable medical device of claim 1, wherein said block of said elevated T_g non-siloxane units is selected from substituted and unsubstituted poly(alkyl methacrylate) blocks.

14. (Previously presented) The implantable or insertable medical device of claim 1, wherein said block of said elevated T_g non-siloxane units is selected from poly(styrene) blocks, poly(methyl methacrylate) blocks, poly(ethyl methacrylate) blocks, poly(isopropyl methacrylate) blocks, poly(isobutyl methacrylate) blocks, poly(t-butyl methacrylate) blocks and poly(cyclohexyl methacrylate) blocks.

15. (Previously presented) The implantable or insertable medical device of claim 1, wherein said block of said elevated T_g non-siloxane units comprise monomers selected from

unsubstituted vinyl aromatics, vinyl substituted aromatics, ring-substituted vinyl aromatics, vinyl monomers, aromatic monomers, methacrylic monomers, acrylic monomers and alkene based monomers.

16. (Previously presented) The implantable or insertable medical device of claim 15, wherein said elevated T_g non-siloxane units have a Tg that is greater than 75 °C and said siloxane units have a Tg less than 0°C.

17. (Canceled)

18. (Previously presented) The implantable or insertable medical device of claim 1, wherein said polymeric release region further comprises a supplemental polymer selected from

a) polycarboxylic acid polymers and copolymers;

b) acetal polymers and copolymers;

c) acrylate and methacrylate polymers and copolymers;

d) cellulosic polymers and copolymers;

e) polyoxymethylene polymers and copolymers;

f) polyimide polymers and copolymers;

g) polysulfone polymers and copolymers;

h) polyamide polymers and copolymers;

i) resins selected from alkyd resins, phenolic resins, urea resins, melamine resins, epoxy resins, allyl resins and epoxide resins;

j) polycarbonates;

k) polyacrylonitriles;

l) polyvinylpyrrolidones;

m) polymers and copolymers of vinyl monomers and which are selected from polyvinyl alcohols, polyvinyl halides, ethylene-vinylacetate copolymers (EVA), polyvinylidene chlorides, polyvinyl ethers, polystyrenes, styrene-maleic anhydride copolymers, styrene-butadiene copolymers, styrene-ethylene-butylene copolymers, acrylonitrile-styrene copolymers, acrylonitrile-butadiene-styrene copolymers, styrene-butadiene copolymers and styrene-isobutylene copolymers, polyvinyl ketones, polyvinylcarbazoles, and polyvinyl esters;

n) polybenzimidazoles;

o) ionomers;

p) polyalkyl oxide polymers and copolymers;

q) glycosaminoglycans;

r) polyesters selected from polyethylene terephthalates and aliphatic polyesters;

s) polyether polymers and copolymers selected from polyarylethers, polyether ketones, and polyether ether ketones;

t) polyphenylene sulfides;

u) polyisocyanates;

v) polyolefin polymers and copolymers selected from polypropylenes, polyethylenes (low and high density, low and high molecular weight), polybutylenes, poly-4-methyl-pen-1-enes, ethylene-alpha-olefin copolymers, ethylene-methyl methacrylate copolymers and ethylene-vinyl acetate copolymers;

w) fluorinated polymers and copolymers selected from polytetrafluoroethylenes (PTFE), poly(tetrafluoroethylene-co-hexafluoropropene) (FEP), modified ethylene-tetrafluoroethylene copolymers (ETFE), and polyvinylidene fluorides (PVDF);

x) silicone polymers and copolymers;

y) polyurethanes;

z) p-xylylene polymers;

aa) polyiminocarbonates;

bb) copoly(ether-esters) selected from polyethylene oxide-polylactic acid copolymers;

cc) polyphosphazines;

dd) polyalkylene oxalates;

ee) polyoxaamides and polyoxaesters;

ff) polyorthoesters;

gg) biopolymers selected from polypeptides, proteins, polysaccharides and fatty acids and esters thereof; and

hh) blends and copolymers of the foregoing.

19. (Previously presented) The implantable or insertable medical device of claim 1, wherein said block copolymer comprises at least two different types of said elevated T_g non-siloxane units.

20. (Original) The implantable or insertable medical device of claim 1, wherein said medical device is sterilized using a quantity of radiation effective to kill pathogens.

21. (Canceled)

22. (Previously presented) The implantable or insertable medical device of claim 1, wherein said block of said siloxane units corresponds to a rubbery phase within said release region at ambient temperatures, and wherein said block of said elevated T_g non-siloxane units corresponds to a hard phase within said release layer at ambient temperatures.

23. (Previously presented) The implantable or insertable medical device of claim 1, wherein said block copolymer is selected from a diblock copolymer, a triblock copolymer and a graft copolymer.

24-27. (Canceled)

28. (Previously presented) The implantable or insertable medical device of claim 1, comprising a plurality of said blocks of elevated T_g non-siloxane units as endblocks or as side chains.

29. (Previously presented) The implantable or insertable medical device of claim 28, wherein said blocks of elevated T_g non-siloxane units are selected from blocks of polystyrene or poly(alkyl methacrylate).

30. (Withdrawn) The implantable or insertable medical device of claim 29, wherein said copolymer is a triblock copolymer having said block of said siloxane units as a midblock and polystyrene endblocks.

31. (Previously presented) The implantable or insertable medical device of claim 1, wherein said copolymer is a graft copolymer having said block of said siloxane units as a main chain and polystyrene side chains.

32. (Previously presented) The implantable or insertable medical device of claim 1, wherein the device further comprises a barrier region disposed over the carrier region.

33. (New) The implantable or insertable medical device of claim 1, wherein said polymeric carrier region does not comprise a supplemental polymer.

34. (New) The implantable or insertable medical device of claim 1, wherein said polymeric carrier region does not comprise a supplemental silicone polymer.

35. (New) The implantable or insertable medical device of claim 28, wherein said blocks of elevated T_g non-siloxane units are selected from blocks of polystyrene or poly(methyl methacrylate).

36. (New) The implantable or insertable medical device of claim 28, wherein said blocks of elevated T_g non-siloxane units are polystyrene blocks.

37. (New) The implantable or insertable medical device of claim 36, wherein said polymeric carrier region does not comprise a supplemental silicone polymer.